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RESPONSE UNDER 37 CFR 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 1645

MAR 07 2003

U.S. PATENT & TRADEMARK OFFICE

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Title of the Invention: HELICOBACTER PYLORI LIVE VACCINE

Application Number	09/284,233
Filing Date	July 28, 1999
Inventor	MEYER et al.
Group Art Unit	1645
Examiner Name	V. Portner
Attorney Docket Number	2923-0126

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March 7, 2003

AMENDMENT UNDER 37 CFR 1.116

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the final Office Action dated November 7, 2002, Applicants request entry of the amendments below and reconsideration of the application.

In the Claims:

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2003~~
Kindly cancel claims 1, 3, 5-11 and 13-23 without prejudice or disclaimer.

Please add the following new claims to the application:

--24. A recombinant attenuated Salmonella cell which comprises at least one heterologous nucleic acid molecule encoding a Helicobacter immunogen, wherein said

~~Helicobacter immunogen consists of urease A and urease B or immunologically reactive~~
~~fragments of urease A and urease B and wherein said attenuated cell is capable of~~

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